

# ~~Interference~~

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	0	substrate with carrier with bracket with optical with coupler with fiducial.clm.	US-PGPUB	OR	ON	2007/03/27 15:53

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	17	("4075477"   "4186994"   "4389655"   "4732446"   "4897711"   "5487124"   "5515468"   "5657409"   "5708743"   "5740293"   "5901262"   "6229712"   "6253004"   "6394664"   "6513992"   "6601998"   "6632030").PN. OR ("6913400").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 15:28
L11	18	("3864018"   "4046454"   "4657341"   "4818058"   "4836638"   "5016972"   "5315678"   "5379361"   "5483611"   "5620634"   "5689599"   "5737463"   "5896479").PN. OR ("6386767").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 15:29
S1	11	(("5,042,709") or ("5,337,398") or ("5,729,641") or ("5,774,614") or ("6,206,579") or ("6,056,448") or ("6,068,410") or ("6,085,003") or ("6,130,977") or ("6,168,317") or ("6,249,627")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/02/19 16:00
S2	68	MTP adj connector	US-PGPUB; USPAT	OR	ON	2004/02/19 16:01
S3	19	optical adj connector adj adaptor	US-PGPUB; USPAT	OR	ON	2004/02/19 16:58
S4	127	(optical near connect\$3) and fiduci\$5	US-PGPUB; USPAT	OR	ON	2004/02/19 16:59
S5	66	((optical near connect\$3) and fiduci\$5) and "385"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2004/02/20 16:59
S6	795	(ribbon near fiber) and connector	US-PGPUB; USPAT	OR	ON	2004/02/20 16:58
S7	621	((ribbon near fiber) and connector) and "385"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2004/02/20 16:59
S8	257	(((ribbon near fiber) and connector) and "385"/\$.ccls.) and substrate	US-PGPUB; USPAT	OR	ON	2004/02/20 17:01
S9	7	((((ribbon near fiber) and connector) and "385"/\$.ccls.) and substrate) and 385/59.ccls. and 385/65.ccls.	US-PGPUB; USPAT	OR	ON	2004/02/20 17:01
S10	13	"5689599".URPN.	USPAT	OR	ON	2004/02/20 18:17
S11	11	"5764833".URPN.	USPAT	OR	ON	2004/02/20 18:29
S12	25	(connector near (fiber near ribbon)) and ((molded adj silic\$3 adj resin) or ceramic)	US-PGPUB; USPAT	OR	ON	2004/02/23 10:55

## EAST Search History

S13	0	(connector near (fiber near ribbon)) and ((molded adj silic\$3 adj resin) same silicon)	US-PGPUB; USPAT	OR	ON	2004/02/23 10:55
S14	0	(connector near (fiber near ribbon)) and ((molded adj silic\$3 adj resin) and silicon)	US-PGPUB; USPAT	OR	ON	2004/02/23 10:55
S15	22	((molded adj silic\$3 adj resin) and silicon)	US-PGPUB; USPAT	OR	ON	2004/02/23 10:56
S16	7	((molded adj silic\$3 adj resin) same silicon)	US-PGPUB; USPAT	OR	ON	2004/02/23 10:56
S17	1	("20030095758").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/31 11:10
S18	4	("6,386,767") or ("6,352,372").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/14 15:57
S19	26	(("5,042,709") or ("5,337,398") or ("5,729,641") or ("5,774,614") or ("6,206,579") or ("6,056,448") or ("6,068,410") or ("6,085,003") or ("6,130,977") or ("6,168,317") or ("6,249,627") or ("6,594,420") or ("20020126348")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/14 16:49
S20	34202	(optical adj (fiber fibre)) near3 coupl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:42
S21	1298	S20 with pump\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 16:50
S22	569	S21 with amplif\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 16:50
S23	517	S21 with amplifi\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 16:50

## EAST Search History

S24	578	S21 with amplifi\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 16:50
S25	100	S24 and optical adj pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:42
S26	70	S24 and optical adj pump	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 16:51
S27	9373	(optical adj (fiber fibre)) near3 array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:42
S28	3054	optical adj pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:42
S29	0	S27 near S28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:42
S30	0	S27 near3 S28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:43
S31	22	S27 same S28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:59
S32	1578	multifiber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:59
S33	225	S32 adj connector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 19:00

## EAST Search History

S34	0	S33 same pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 19:00
S35	9	S33 and pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 19:04
S36	7355	385/76-94.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 19:04
S37	1176	S36 and amplif\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 19:04
S38	122	S37 and pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:53
S39	42	S38 and array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 19:05
S40	28	S38 and array	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 19:05
S41	0	("6937795").URPN.	USPAT	OR	ON	2006/03/14 19:26
S42	1	"6905256"	USPAT	OR	ON	2006/03/14 19:26
S43	15096	optical adj connector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:53
S44	1356972	fibre fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:54

## EAST Search History

S45	840847	array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:54
S46	10623	S44 near S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:54
S48	182	S43 with S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:55
S49	1088121	pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:55
S50	981976	amplif\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:55
S51	69092	S49 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:55
S52	0	S48 and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:55
S53	4	S48 and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:55
S54	21	S48 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:59
S55	3054	optical adj pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:21

## EAST Search History

S56	0	S55 with OED	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:21
S57	49014	optoelectronic (opto adj electronic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:21
S58	7	S57 with S55	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:23
S59	0	bidirectional near3 (opitcal adj pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:24
S60	0	bidirectional with (opitcal adj pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:24
S61	0	bi adj directional with (opitcal adj pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:24
S62	0	bidirectional near3 (optical adj pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:25
S63	20	bidirectional with (optical adj pump)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:56
S64	17685	optical adj coupler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 19:01
S65	92	S64 same S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:56

## EAST Search History

S66	0	S65 same S55	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:56
S67	0	S65 and S55	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:57
S68	397	S64 and S55	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:57
S69	13	S46 and S68	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 18:57
S70	2843	optical adj coupler.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 19:57
S71	5573	S44 near ribbon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 19:01
S72	11	S70 and S71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 19:55
S73	0	multi adj ribbon adj adapter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 19:56
S74	0	dual adj input adj coupler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 19:56
S75	498	S70 and "385".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 19:57

## EAST Search History

S76	14	S75 and attachments	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 19:57
S77	24	("3498771"   "3871935"   "3879182"   "3912574"   "3920432"   "4015035"   "4071343"   "4165496"   "4184859"   "4296995"   "4410346"   "4450333"   "4622710"   "4631079"   "4643752"   "4755021"   "4923540"   "4950318").PN. OR ("5199966"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:03
S78	55	("3195219"   "3333278"   "3798099"   "3810802").PN. OR ("3871935"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:13
S79	0	S64 and (ribbon adj adapter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:14
S80	7	(ribbon adj adapter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:15
S81	12	(ribbon adj adapter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 20:16
S82	8	("20020039471"   "20020181887"   "5138676"   "5452393"   "6317533"   "6335149"   "6512874"   "6665464").PN. OR ("6789953"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:17
S83	23	("20030007717"   "3387252"   "4640575"   "4767179"   "4779950"   "4795354"   "4979792"   "5047835"   "5202949"   "5233674"   "5243678"   "5333225"   "5347604"   "5499311"   "5561727"   "5689599"   "5764833"   "5967189"   "6088502"   "6210047"   "6259856"   "6431765").PN. OR ("6676301").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:20
S84	15178	multi\$3 adj output	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:21
S85	13	S84 adj (combiner coupler)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:21

## EAST Search History

S86	15178	multi\$3 adj output	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:51
S87	13	S86 adj (combiner coupler)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:51
S88	529	optical adj coupler with pump	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:51
S89	153	S88 and "385".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:52
S90	6	S88 with bidirectional	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 20:53
S91	1728	WDM adj coupler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 21:00
S92	566	S91 with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 21:00
S93	106	S92 and array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 21:00
S94	63	S92 and array	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 21:00
S95	12	("5058974"   "5083874"   "5392377"   "5532868"   "5812710"   "5991477"   "6031660"   "6055092"   "6188508"   "6292288"   "6323993"   "6626591").PN. OR ("6862134").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 21:15
S96	29	("5128800"   "5280549"   "5430572"   "5440417"   "5452124"   "5532864"   "5600473").PN. OR ("5815308").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/15 21:16

## EAST Search History

S97	3	("3660664").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:55
S98	2	("20040105628").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 20:48
S99	2	S98 and coupler	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 21:22
S100	1	S98 and erbium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 21:22
S101	26	(US-20030095758-\$ or US-20030002805-\$ or US-20050123246-\$ or US-20040105628-\$).did. or (US-6386767-\$ or US-5815308-\$ or US-6318902-\$ or US-6352372-\$ or US-6276840-\$ or US-6652159-\$ or US-6045270-\$ or US-6459843-\$ or US-5764833-\$ or US-6781749-\$ or US-6981804-\$ or US-6522798-\$ or US-6955481-\$ or US-6913400-\$ or US-6905257-\$ or US-3871935-\$ or US-6805493-\$ or US-5652767-\$ or US-6917731-\$ or US-6331081-\$ or US-6591025-\$ or US-6952308-\$). did.	US-PGPUB; USPAT	OR	ON	2006/03/17 21:27
S102	26	S101 and fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 21:58
S103	3	"6905256".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 21:58

## EAST Search History

S10 4	1	S103 and implanted	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 22:15
S10 5	1	S98 and guide adj hole	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 22:16
S10 6	1	S103 and guide adj hole	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 22:16
S10 7	3574	prism near3 diffract\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 23:08
S10 8	2	S107 same optical adj connector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 23:10
S10 9	28	S107 and optical adj connector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 23:10
S11 0	13	S107 and optical adj connector	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 23:15
S11 1	0	S110 and pumpo	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 23:15
S11 2	1	S110 and pump	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 23:15
S11 3	2	"6,227,718".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 17:46

## EAST Search History

S11 4	971	top adj reference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 17:46
S11 5	2818589	coupl\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 17:47
S11 6	16	S114 with S115	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 17:47
S11 7	6	("5052775"   "5402515"   "5511144").PN. OR ("6227718"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/01 19:33
S11 8	63	interference adj lobe	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/01 22:22
S11 9	7132	spatial adj filter	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/01 22:22
S12 0	13	S118 and S119	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/01 22:22
S12 1	5	S118 with S119	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/01 22:27
S12 2	19	("3614232"   "4220976"   "4370024"   "5177559"   "5276498"   "5309239"   "5359407"   "5506676"   "5546181"   "5617203"   "5659390"   "5784189"   "5808384"   "6248509"   "6248988"   "6288824"   "6313937"   "6329967"   "6392748").PN. OR ("6686602"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/01 22:25
S12 3	9	S118 same S119	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/01 22:27